



# ANGSTRON MATERIALS

## CONDUCTIVE GRAPHENE INK/PASTES

### TECHNICAL DATA

PROPERTIES	Grade A	Grade B	Grade C	Grade D	Grade E	UNIT
VISCOSITY	50-100	50-100	1,000-1,500	2,500-3,000	300-500	cps
COMPOSITION	Conductive Single-Layer Graphene, binders...					
SOLID CONTENT	<10	<10	25±2	30±2	<12±1	%
SURFACE RESISTIVITY	100±10	200±10	10 <sup>2-3</sup>	10 <sup>5-6</sup>	10 <sup>3-4</sup>	Ω/sq.
TRANSMITTANCE	88-90	80-85	—	—	—	%
SUGGESTED FILM THICKNESS (WET FILM THICKNESS)	50-300	50-300	50-200	50-200	50-200	μm
SUBSTRATES	Glass, PET...					
PROCESS	Ultrasonic spray coating, slot-die coating...		Bar-coating, slot-die coating...			
SUPPLY FORM	200 g, 500 g, 1 kg, 5 kg		1 kg, 5 kg, 10 kg			